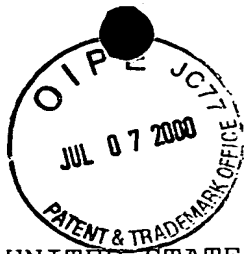


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Attorney Docket: 381TO/41092CO  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: <sup>#3</sup> HIROSHI ONISHI ET AL.  
Serial No.: 09/498,856  
Filed: FEBRUARY 4, 2000  
Title: AUTOMATIC TRANSMISSION CONTROL SYSTEM  
FOR AN AUTOMOBILE

RECEIVED  
AUG 31 2000  
TC 2700 MAIL ROOM

SUPPLEMENTAL PRELIMINARY AMENDMENT

**Box Non-Fee Amendment**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED July 7, 2000

DEC 07 2000

Sir:

TO 3600 MAIL ROOM

Please enter the following amendments to the claims prior to the examination of the application.

IN THE CLAIMS:

Please substitute the following Claims 12-14 for Claims 12-14 submitted in the Preliminary Amendment dated February 4, 2000:

--12. Control system for an automatic transmission with torque converter comprising:

first input torque estimating unit for estimating an input-torque of said automatic transmission using an engine torque characteristic;